

Figure 1 100

200 Transmission decision list
250 Transmission criteria

- 205 index,
- 210 release time,
- 215 portion quantity,
- 220 duration,
- 225 burst size,
- 230 burst rate,
- 235 quantity completion measure,
- 240 status code

Fig. 2

300 File list
350 File list record

- 305 index,
- 310 source file identifier,
- 315 cursor,
- 320 destination address,
- 325 transmission type

Fig. 3

400 History log
450 History record

- 405 index,
- 410 start time stamp,
- 415 status code,
- 420 completion time stamp,
- 425 quantity completion measure

Fig. 4

500 Network use criteria table
550 Network use criteria record

- 505 time stamp,
- 510 defined network use,
- 515 aggregate amount of network use
- 520 network identifier,
- 525 network use window,
- 530 remaining bandwidth

Fig. 5

600 (600A, 600B) Dispatching Process

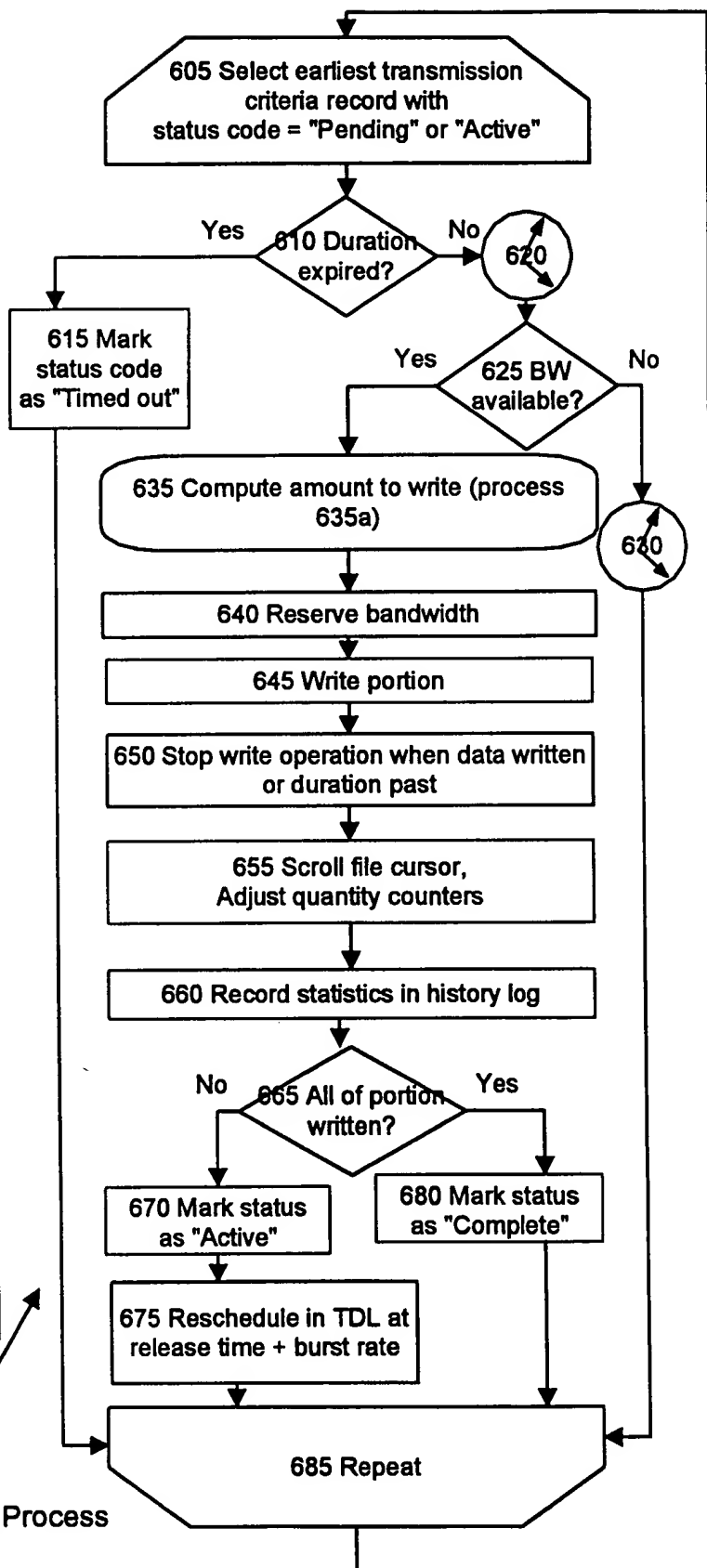


Fig. 6

006280"E2664960

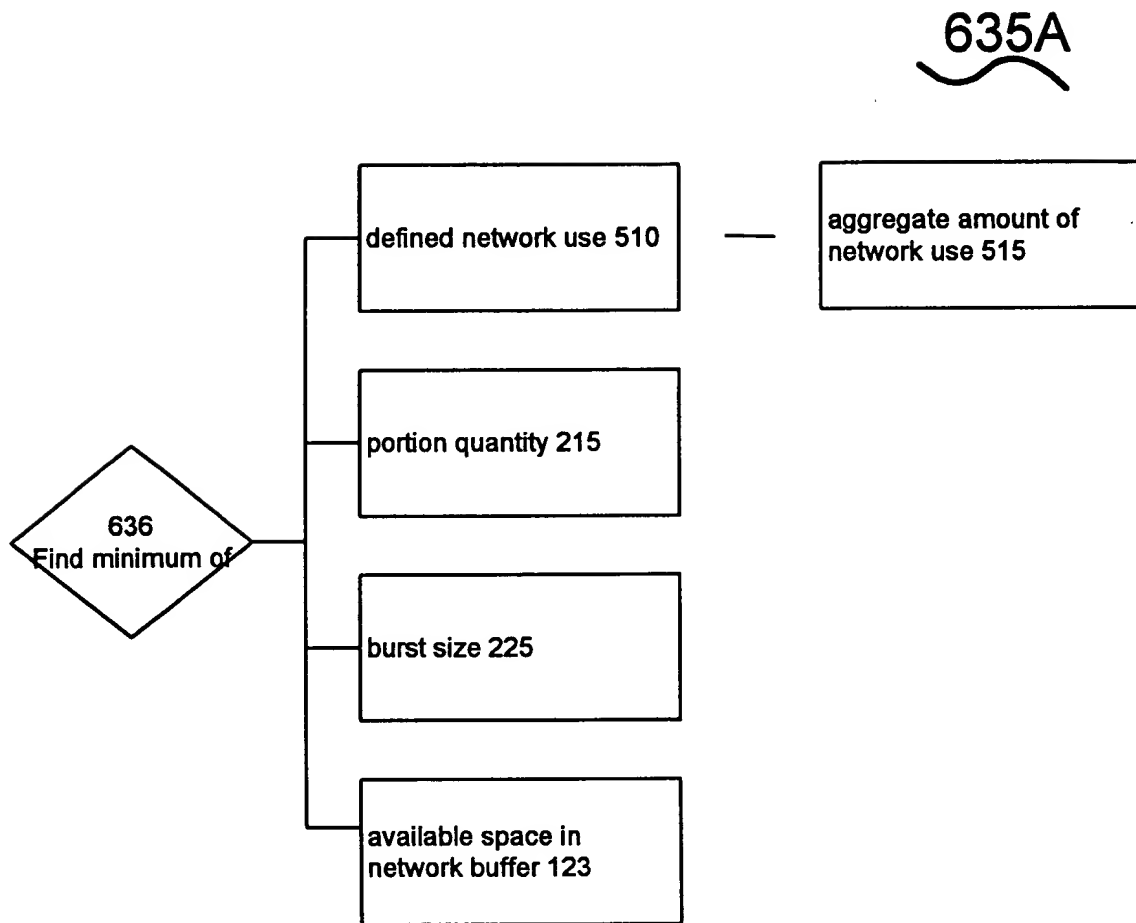


Figure 6A

700 Transmission request

770 Transmission constraint

- 710 source address,
- 712 retrieval options,
- 714 retrieval start time,
- 716 retrieval interval,
- 718 maximum retrieval count,
- 720 packaging options,
- • 722 expected data file size,
- 730 billing account,
- 732 billing user,
- 734 billing cost,
- • 740 transmission priority,
- • 742 transmission release time,
- • 744 transmission deadline,
- • 746 retransmission interval,
- • 748 retransmission count,
- 750 recipients,
- • 752 bandwidth constraints,
- • 760 acknowledgments,
- 765 information content

Figure 7

700A Transmission Request	
700 source address	ftp://insure.com/training.mpg
712 retrieval options	
714 retrieval start time	21:00 Thursday
716 retrieval interval	6 Hours
718 maximum retrieval count	3
720 packaging options	
722 expected data file size	3.6GB
730 billing account	Insurance Co.
732 billing user	
734 billing cost	
740 transmission priority	
742 transmission release time	21:00 Friday
744 transmission deadline	23:00 Friday
746 retransmission interval	30 Minutes
748 retransmission count	2
750 recipients	B, D
752 bandwidth constraints	10 Mbps
760 acknowledgments	Yes

Figure 7A

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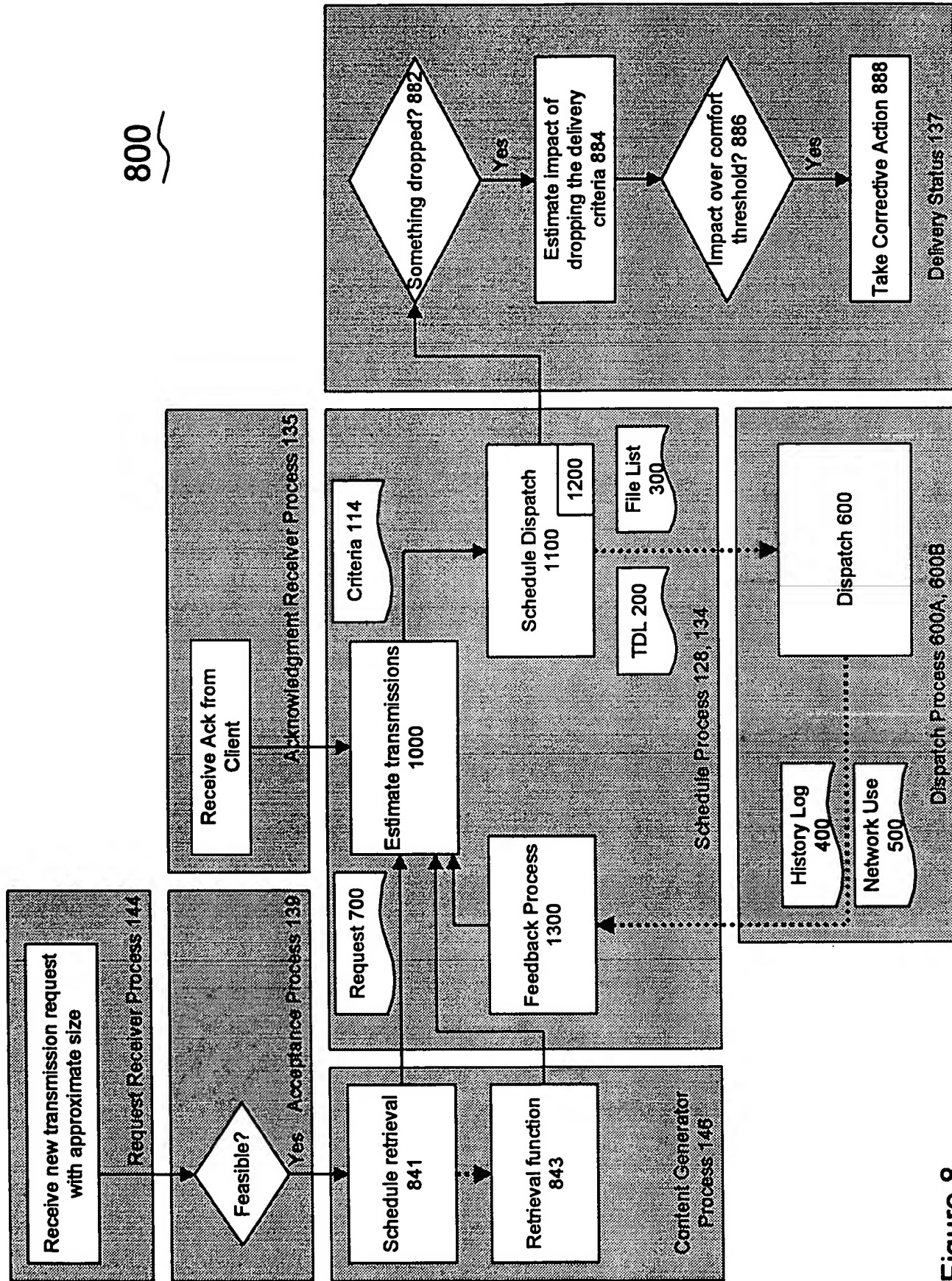


Figure 8

Delivery criteria list 114

	914A	914B	914C	914D	914E	914F	914G	914H
	file name	size	release time	deadline	recipients	ack	bandwidth	retrans
914A	training.mpg	3.6GB	21:00 Fri.	23:00 Fri.	B, D	Yes	10 Mbps	2
914B	training.mpg	3.6GB	21:30 Fri.	23:00 Fri.	B, D	Yes	10 Mbps	1
914C	training.mpg	3.6GB	22:00 Fri.	23:00 Fri.	B, D	Yes	10 Mbps	0
914D	rulesUpdate.zip	375MB	21:30 Fri.	22:00 Fri.	A,B	No	5 Mbps	0
914E	catalog.zip	750MB	22:00 Fri.	22:30 Fri.	C	No	10 Mbps	0

Figure 9A

006280" E4654960

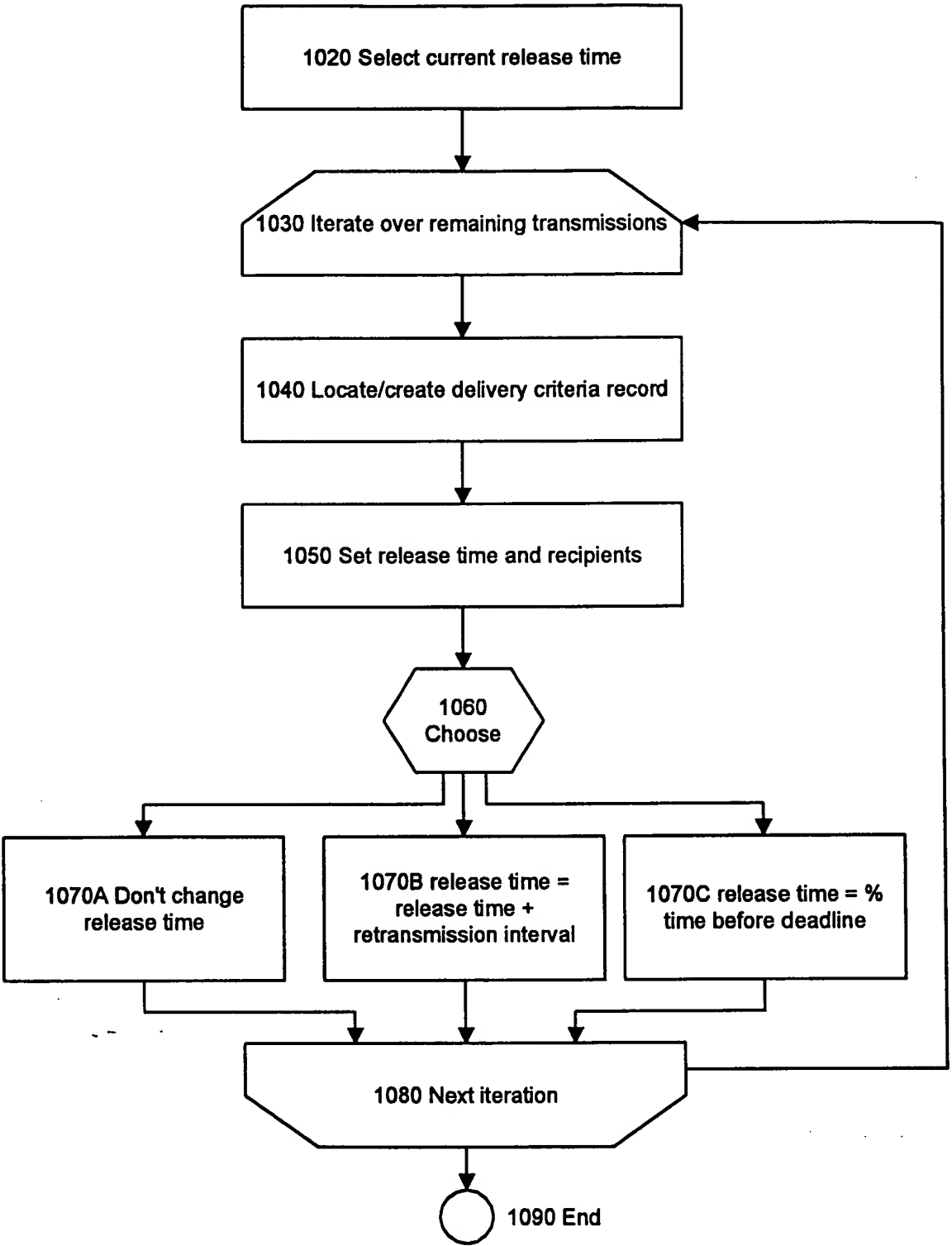


Figure 10

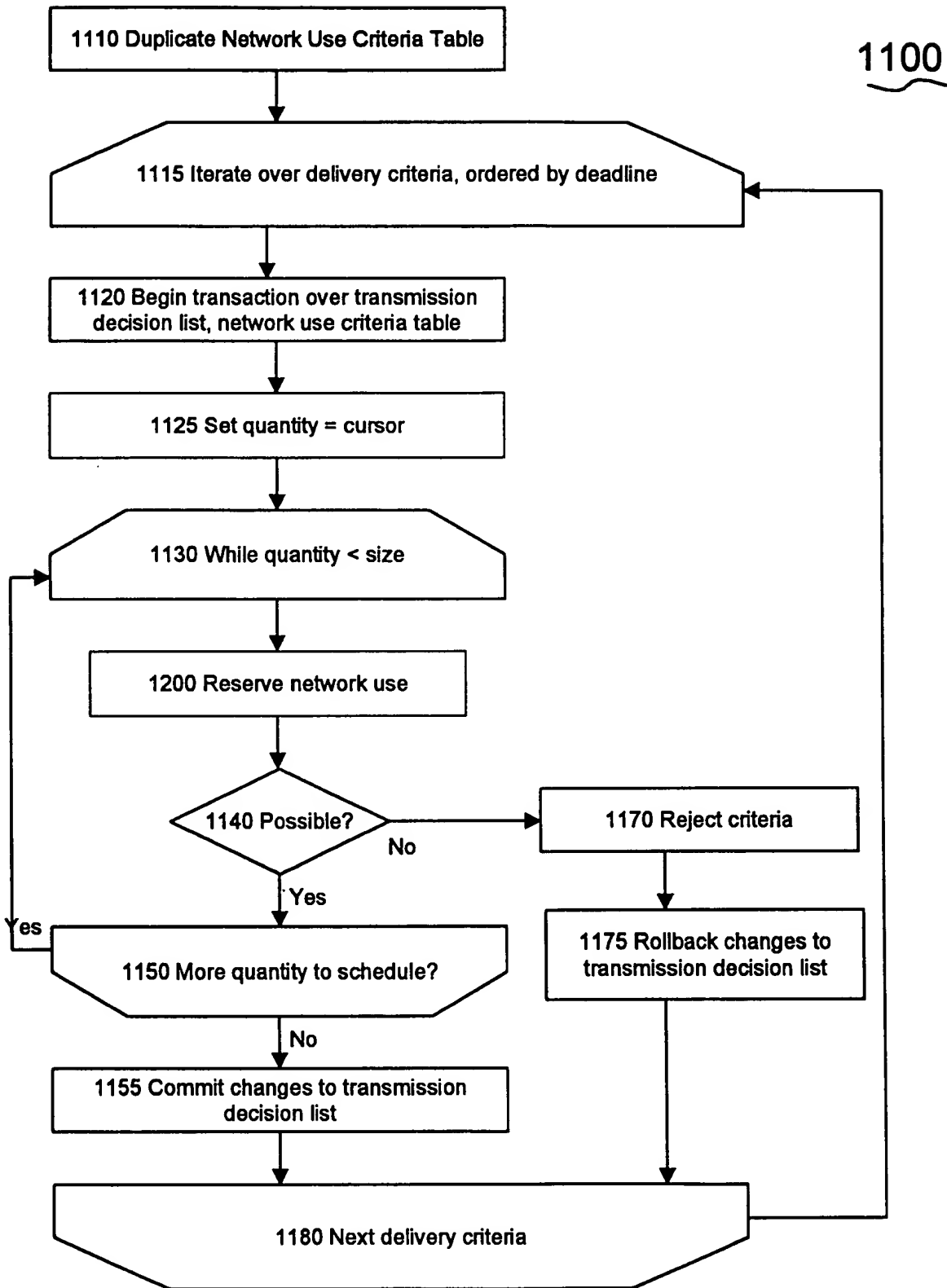


Figure 11

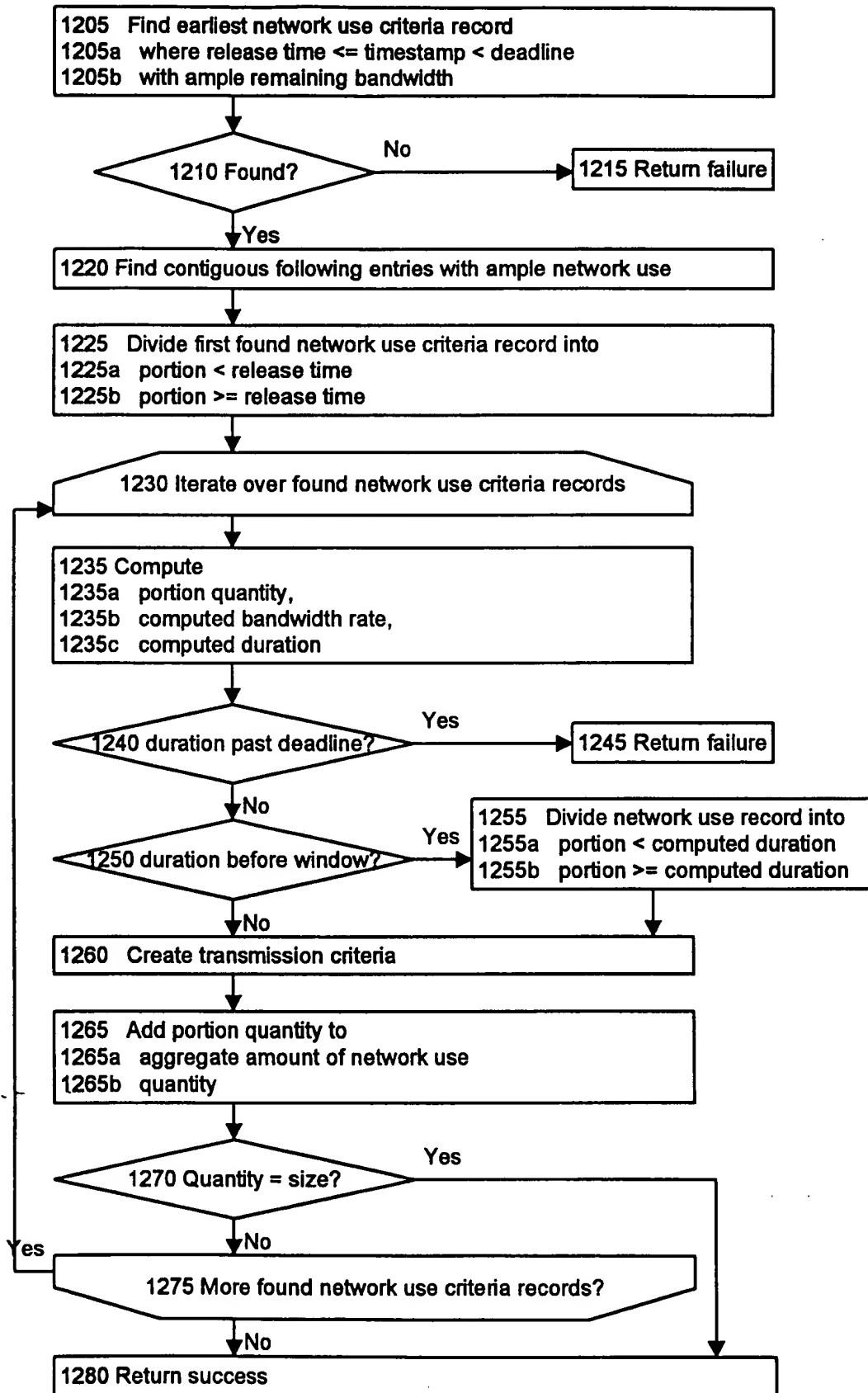


Figure 12

1300

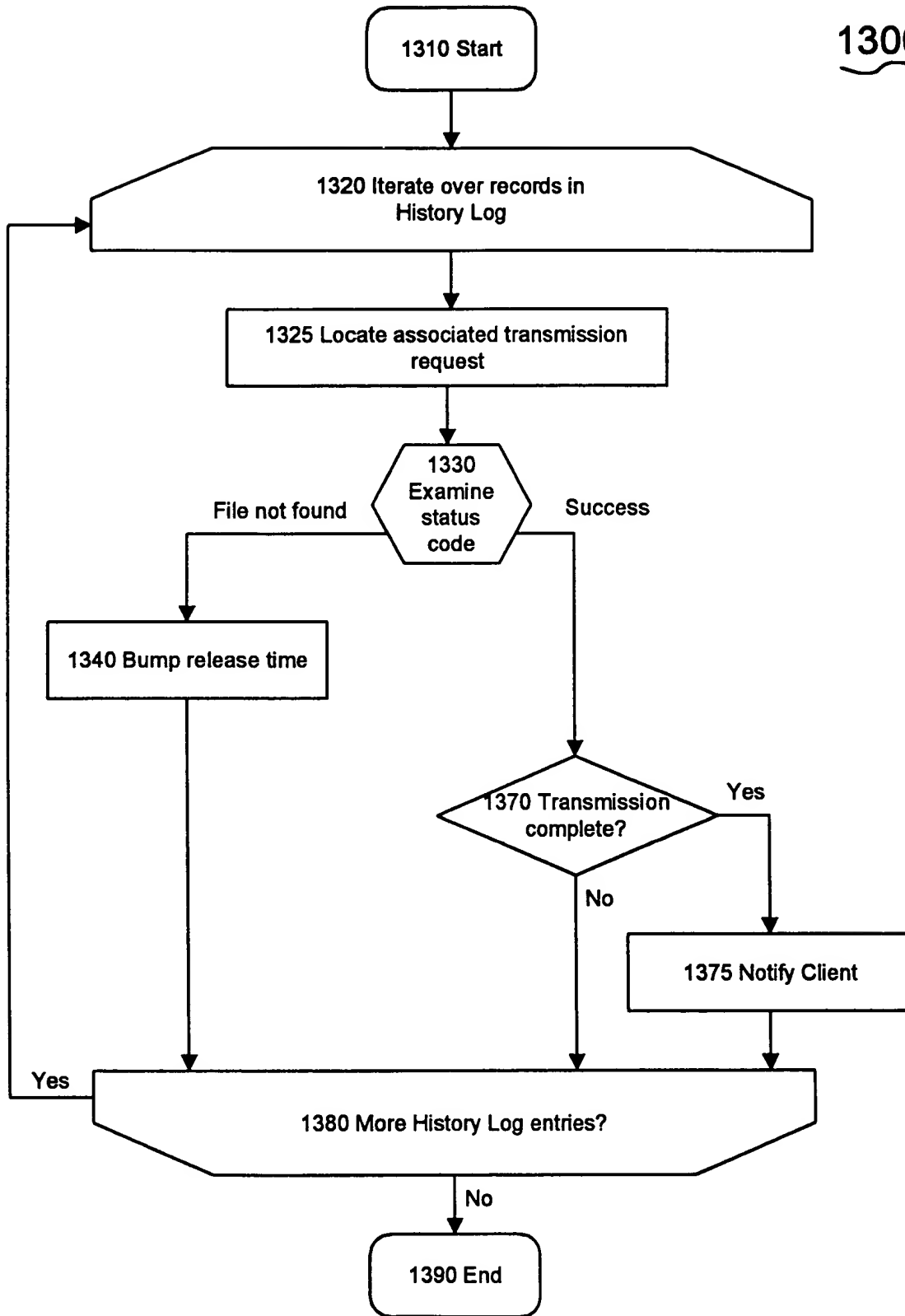


Figure 13

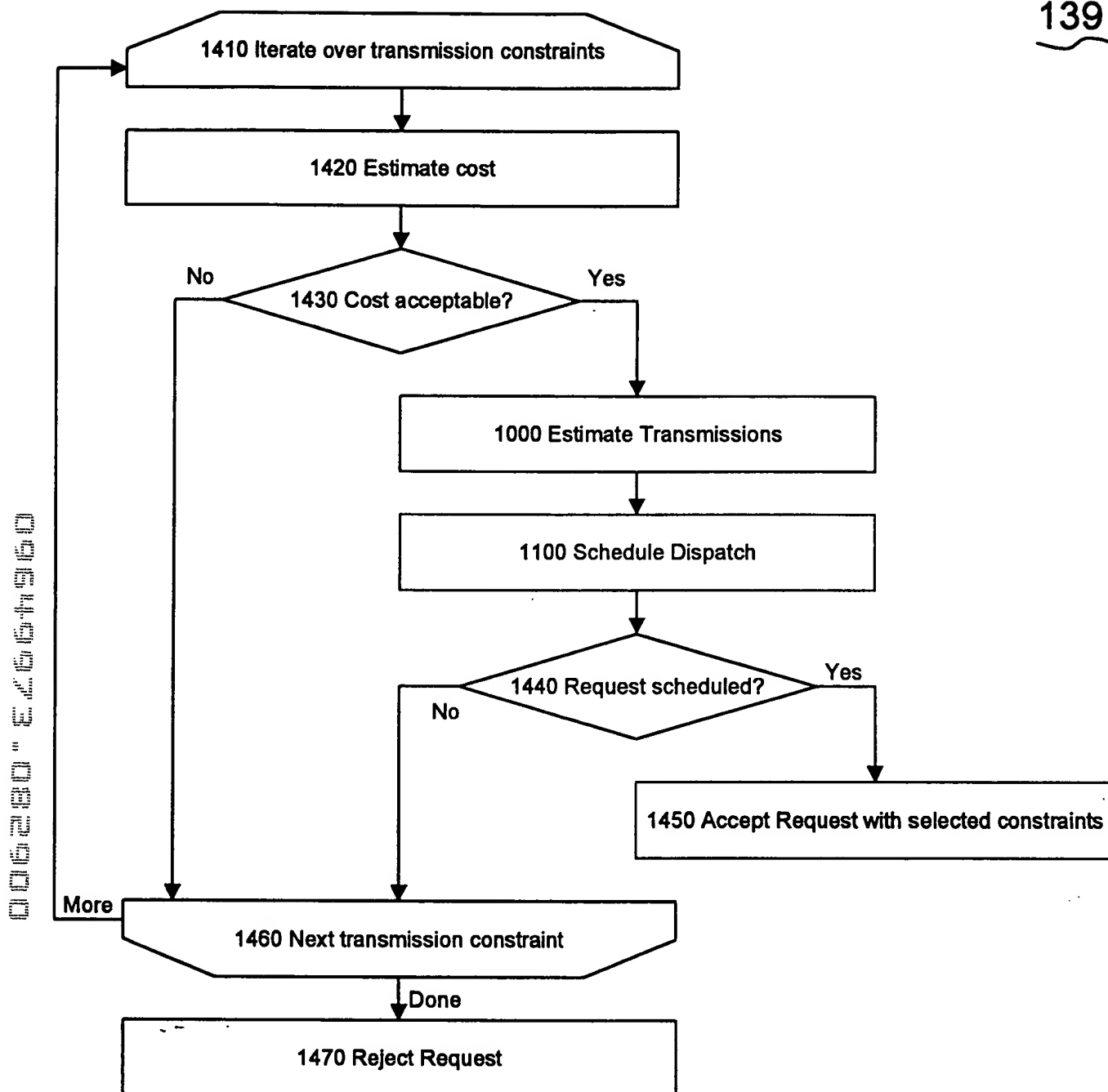


Figure 14